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CLAIMS

1. Apparatus for determining respiratory muscle endurance of a person, which apparatus comprises a mouthpiece through which the person inspires, load-providing means for providing a pressure against which the person inspires, and pressure control means for controlling the pressure, the pressure control means being such that it controls the pressure in response to a breathing pattern of the person.
2. Apparatus according to claim 1 in which the load-providing means is a rotary valve having an orifice which is variable in size.
3. Apparatus according to claim 2 in which the valve is a rotary valve.
4. Apparatus according to claim 3 in which the rotary valve is a servo-controlled valve.
5. Apparatus according to claim 4 in which the pressure control means comprises an electronic processor, and in which the processor receives a first input in the form of the pressure and a second input in the form of the flow.
6. Apparatus according to claim 5 in which the processor includes a display screen.

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7. Apparatus according to claim 5 or claim 6 in which the processor includes a hard copy print-out means.

8. Apparatus according to any one of claims 5 – 7 in which the processor is a microprocessor.

9. Apparatus according to any one of the preceding claims in which measurements are obtainable as measurements at the mouthpiece.